

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/662,914
				Filing Date	September 15, 2003
				First Named Inventor	Lei et al.
				Art Unit	1652
				Examiner Name	Mohammad Meah
Sheet	1	of	1	Attorney Docket Number	19603/4261 (CRF D-2895-02)

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
	1	US-6,720,174-B1		04-13-2004	Lehmann	
	2	US-7,022,371-B2		04-04-2006	Stafford et al.	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
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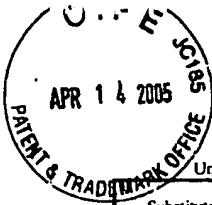
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PTO/SB/08A (10-01)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of

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Application Number	10/662,914
Filing Date	September 15, 2003
First Named Inventor	Lei et al.
Art Unit	1652
Examiner Name	Rebecca E. Prouty

Attorney Docket Number 19603/4261 (CRF D-2895A)

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		Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY		
CH	1	US-2002/0068350 A1	06/06/2002	Kondo et al.	
	2	US-2002/0102692 A1	08/01/2002	Lei	
	3	US-2002/0127218 A1	09/12/2002	Svendsen et al.	
	4	US-2002/0136754 A1	09/26/2002	Short et al.	
	5	US-2003/0092155 A1	05/15/2003	Kostrewa et al.	
	6	US-5,436,156	07/25/1995	Van Gorcom et al.	
	7	US-5,443,979	08/22/1995	Vanderbeke et al.	
	8	US-5,593,963	01/14/1997	Van Ooijen et al.	
	9	US-5,780,292	07/14/1998	Nevalainen et al.	
	10	US-5,834,286	11/10/1998	Nevalainen et al.	
	11	US-5,863,533	01/26/1999	Van Gorcom et al.	
	12	US-6,309,870	10/30/2001	Kondo et al.	
	13	US-6,350,602	02/26/2002	Van Gorcom et al.	
	14	US-6,391,605	05/21/2002	Kostrewa et al.	
	15	US-6,514,495	02/04/2003	Svendsen et al.	
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		Country Code ³	Kind Code ³ Number ⁴ (if known)			
CH	16	EP 0 420 358 B1		Van Gorcom et al.		
	17	EP 0 684 313 A2		Van Loon et al.		
	18	JP 10-276789		Kosutoriwa et al.		X
	19	JP 2001-292789		Van Loon et al.		X
	20	RU 2 113 468 C1		Van Gorcom et al.		X
	21	WO 00/43503		Lehmann		
	22	WO 86/01179		Conti		
	23	WO 91/05053		Van Gorcom et al.		
	24	WO 99/49022		Svendsen		

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				First Named Inventor	Lei et al.
				Group Art Unit	1652
				Examiner Name	Rebecca E. Prouty
Sheet	2	of	4	Attorney Docket Number	19603/4261 (CRF D-2895A)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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CL	25	GenBank Accession No. AAB96872 (January 16, 1998)	
	26	GenBank Accession No. M94550 (April 27, 1993)	
	27	GenBank Accession No. P34752 (January 25, 2005)	
	28	Han et al., "Expression of an <i>Aspergillus niger</i> Phytase Gene (<i>phyA</i>) in <i>Saccharomyces cerevisiae</i> ," <i>Appl. Environ. Microbiol.</i> 65(5):1915-1918 (1999)	
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	30	Kostrewa et al., "Crystal Structure of <i>Aspergillus niger</i> pH 2.5 Acid Phosphatase at 2.4 Å Resolution," <i>J. Mol. Biol.</i> 288:965-974 (1999)	
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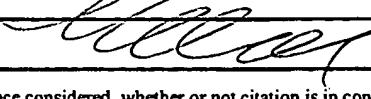
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RE	38	Mitchell et al., "The Phytase Subfamily of Histidine Acid Phosphatases: Isolation of Genes for Two Novel Phytases from the Fungi <i>Aspergillus terreus</i> and <i>Mycelopithora thermophila</i> ," <i>Microbiology</i> 143:245-252 (1997)	
	39	Mullaney et al., "Advances in Phytase Research," <i>Advances in Applied Microbiology</i> 47:157-199 (2000)	
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	41	Mullaney et al., "Positive Identification of a Lambda gt11 Clone Containing a Region of Fungal Phytase Gene by Immunoprobe and Sequence Verification," <i>Appl. Microbiol. Biotechnol.</i> 35:611-614 (1991)	
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	43	Nielsen et al., "The Determinants of α -Amylase pH-Activity Profiles," <i>Protein Eng.</i> 14(7):505-512 (2001)	
	44	Ostanin et al., "Asp ³⁰⁴ of <i>Escherichia coli</i> Acid Phosphatase is Involved in Leaving Group Protonation," <i>J. Biol. Chem.</i> 268(28):20778-20784 (1993)	
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	47	Rodriguez et al., "Expression of the <i>Aspergillus fumigatus</i> Phytase Gene in <i>Pichia pastoris</i> and Characterization of the Recombinant Enzyme," <i>Biochem. Biophys. Res. Commun.</i> 268:373-378 (2000)	
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Examiner Signature		Date Considered	3/19/08
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CL	49	Tomschy et al., "Active Site Residue 297 of <i>Aspergillus niger</i> Phytase Critically Affects the Catalytic Properties," <i>FEBS Lett.</i> 472(2-3):169-172 (2000)			
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	55	Van Etten et al., "Covalent Structure, Disulfide Bonding, and Identification of Reactive Surface and Active Site Residues of Human Prostatic Acid Phosphatase," <i>J. Biol. Chem.</i> 266(4):2313-2319 (1991)			
	56	van Hartingsveldt et al., "Cloning, Characterization and Overexpression of the Phytase-Encoding Gene (<i>phyA</i>) of <i>Aspergillus niger</i> ," <i>Gene</i> 127:87-94 (1993)			
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	59	Wyss et al., "Biophysical Characterization of Fungal Phytases (<i>myo</i> -Inositol Hexakisphosphate Phosphohydrolases): Molecular Size, Glycosylation Pattern, and Engineering of Proteolytic Resistance," <i>Appl. Environ. Microbiol.</i> 65(2):359-366 (1999)			
JO	60	Yi et al., "Sites of Phytase Activity in the Gastrointestinal Tract of Young Pigs," <i>Animal Feed Science Technology</i> 61:361-368 (1996)			

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